AMENDMENTS TO THE CLAIMS

The below listing of claims replaces all prior versions of claims in the application.

Listing of Claims

1. (Currently Amended) A drive device for a light-emitting display panel ~~having a configuration in which, under a state in which light emitting elements are connected to intersections of~~ comprising:

a plurality of data lines ~~and~~;

a plurality of scanning lines intersecting the data lines;

light-emitting elements connected to intersections of the plurality of data lines and the plurality of scanning lines; and

a scanning reference potential point,

wherein sequential scanning is executed by connection of the scanning lines to [[a]] the scanning reference potential point and a reverse bias voltage for the light-emitting elements is supplied to scanning lines which are not connected to the scanning reference potential point to be in a non-scanning state, and

wherein an operation, during which a forward voltage is applied to all the ~~light-emitting elements~~ data lines at least one time and an operation during which a reverse direction voltage is applied to all the ~~light-emitting elements~~ data lines at least one time, ~~are~~ is executed ~~in~~ during a predetermined scanning period, whether light-emitting of the elements is executed or not in the predetermined scanning period.

2. (Original) The drive device for a light-emitting display panel according to claim 1, wherein

the predetermined period is one scanning period, and

an operation during which a reverse direction voltage is applied to light-emitting elements connected to selected scanning lines and an operation during which a forward voltage, which does not contribute to light emitting, is applied to data lines under control for non light-emitting are executed in the one scanning period.

3. (Original) The drive device for a light-emitting display panel according to claim 1, wherein

the predetermined period is one frame period,

a dummy scanning mode is set in the one frame period, and

an operation during which a reverse direction voltage is applied to all light-emitting elements and an operation during which a forward voltage, which does not contribute to light emitting, is applied to all light-emitting elements are executed during the dummy scanning mode.

4. (Original) The drive device for a light-emitting display panel according to claim 1, wherein

the predetermined period is a period longer than one frame,

a dummy scanning mode is set in the period, and

an operation during which a reverse direction voltage is applied to all light-emitting elements and an operation during which a forward voltage, which does not contribute to light emitting, is applied to all light emitting elements are executed during the dummy scanning mode.

5. (Original) The drive device for a light-emitting display panel according to any one of claims 2 to 4, wherein

the forward voltage which does not contribute to light emitting is a forward voltage equal to or smaller than a light-emitting threshold voltage of a light-emitting element.

6. (Original) The drive device for a light-emitting display panel according to any one of claims 2 to 4, wherein

the forward voltage which does not contribute to light emitting is applied so that currents for lighting driving of light-emitting elements from a driving power supply are supplied in a short time.

7. (Original) The drive device for a light-emitting display panel according to any one of claims 2 to 4, wherein

the forward voltage which does not contribute to light emitting is applied so that a voltage from a voltage source having equal to or larger than a light-emitting threshold voltage of a light-emitting element are supplied in a short time.

8. (Currently Amended) The drive device for a light-emitting display panel according to claim 7, wherein

the voltage source having equal to or larger than [[a]] the light-emitting threshold voltage of a light-emitting element is [[a]] the reverse-bias-voltage source by which a reverse bias voltage is supplied to light-emitting elements in a non-scanning state.

9. (Original) The drive device for a light-emitting display panel according to any one of claims 1 to 4, wherein

the light-emitting element comprises an organic EL element using an organic compound for a light-emitting layer.

10. (Original) The drive device for a light-emitting display panel according to claim 5, wherein

the light-emitting element comprises an organic EL element using an organic compound for a light-emitting layer.

11. (Original) The drive device for a light-emitting display panel according to claim 6, wherein

the light-emitting element comprises an organic EL element using an organic compound for a light-emitting layer.

12. (Original) The drive device for a light-emitting display panel according to claim 7, wherein

the light-emitting element comprises an organic EL element using an organic compound for a light-emitting layer.

13. (Original) The drive device for a light-emitting display panel according to claim 8, wherein

the light-emitting element comprises an organic EL element using an organic compound for a light-emitting layer.